

What is claimed is:

1. A method of removing nitrate nitrogen from a vegetable juice, said method comprising the steps of concentrating said vegetable juice to obtain a concentrate
5 and subjecting said concentrate to electro dialysis.
2. The method of claim 1 wherein said vegetable juice is a juice of leafy vegetables.
- 10 3. The method of claim 2 wherein said leafy vegetables include at least one selected from the group consisting of celery, spinach and kale.
4. The method of claim 1 wherein said vegetable juice has a sludge volume adjusted to 10% or less.
- 15 5. The method of claim 1 wherein said vegetable juice is concentrated to Brix concentration 10-60%.
6. The method of claim 4 wherein said vegetable juice is concentrated to
20 Brix concentration 10-60%.
7. The method of claim 1 wherein said vegetable juice is concentrated to Brix concentration 20-40%.
- 25 8. The method of claim 4 wherein said vegetable juice is concentrated to Brix concentration 20-40%.
9. The method of claim 1 wherein said electro dialysis is carried out by flowing said concentrate at a linear speed of 0.5-10cm/sec on a membrane surface.
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10. The method of claim 7 wherein said electro dialysis is carried out by flowing said concentrate at a linear speed of 0.5-10cm/sec on a membrane surface.

11. The method of claim 8 wherein said electro dialysis is carried out by
5 flowing said concentrate at a linear speed of 0.5-10cm/sec on a membrane surface.

12. The method of claim 1 wherein said concentrate is subjected to electro dialysis at a temperature of 10°C or lower.

10 13. The method of claim 7 wherein said concentrate is subjected to electro dialysis at a temperature of 10°C or lower.

14. The method of claim 8 wherein said concentrate is subjected to electro dialysis at a temperature of 10°C or lower.

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15. The method of claim 9 wherein said concentrate is subjected to electro dialysis at a temperature of 10°C or lower.

16. The method of claim 10 wherein said concentrate is subjected to
20 electro dialysis at a temperature of 10°C or lower.

17. The method of claim 11 wherein said concentrate is subjected to electro dialysis at a temperature of 10°C or lower.